

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

65

Farm name: Gum, Ernest Kemp, Jr.

Operator Well No.: Garrett #4

LOCATION:

Elevation: 1102'

District: Troy

Quadrangle: Auburn 7.5'

County: Gilmer

Latitude: 1260' Feet South of 39 Deg. 07

Min 9.8 Sec. 14

Longitude: 1680' Feet West of 80 Deg. 79

Min. 7.8 Sec. 29

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90				
Glenville, WV 26351	9"		124'	
Agent: Leon Ramsey	7"		721'	Surface
Inspector: David Gilbert	4 1/2 "		4783'	4000'
Date Permit Issued: 4/23/08				
Date Well Work Commenced: 9/28/08				
Date Well Work Completed: 7/2/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 4814'				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation ELK

Pay zone depth (ft) 4752'-4638'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BENSON BALLTOWN

Pay zone depth (ft) 4470' - 3372'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 25By: LEON RAMSEYDate: 7/15/2010RECEIVED
Office of Oil and Gas
APR 22 2014
WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
GARRETT #4

Lease Name: Garrett heirs
API# 47-021-5573
Gilmer 7.5' Quadrangle
Elevation 1102'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1943' – 1960'		
BIG LIME	1968' – 2061'		
BIG INJUN	2062' – 2149'		
GORDON	2438' – 2457'		
SPEECHLEY	2956' – 3254'		
BALLTOWN	3348' – 3804'		
BENSON	4459' – 4469'		
ELK	4531' – 4766'		
TOTAL DEPTH	4998'		

Perforations & Fracture Treatment

Well Name: GARRETT 4

API # 47- 021-05573

T.D. 4783' of 9.50 # 4 1/2"

1st Stage- ELK (from 4752 ' to 4638 ')

60 QF 300 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

14 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BENSON-BALLTOWN (from 4470 ' to 3372 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

GS

Farm name: Gum, Ernest Kemp, Jr.

Operator Well No.: Garrett #5

LOCATION:

Elevation: 1134'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 2400' Feet South of 39 Deg. 07

Min Sec.

Longitude 1470' Feet West of 80 Deg. 79

Min. 8.8 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90				
Glenville, WV 26351	9"		35'	
Agent: Leon Ramsey	7"		1044'	Surface
Inspector: David Gilbert	4 1/2 "		4548"	3000'
Date Permit Issued: 4/23/08				
Date Well Work Commenced: 11/19/08				
Date Well Work Completed: 2/23/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 4934'				
Fresh Water Depth (ft.): 87'				
Salt Water Depth (ft.): 1702'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation BENSON

Pay zone depth (ft) 4440' - 4431'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY

Pay zone depth (ft) 3711' - 2938'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 24By: LEON RAMSEYDate: 6/11/2010RECEIVED
Office of Oil and Gas
APR 22 2014
WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
GARRETT #5

Lease Name: Garrett heirs
API# 47-021-5574
Gilmer 7.5' Quadrangle
Elevation 1134'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1927' – 1954'		
BIG LIME	1954' – 2016'		
BIG INJUN	2016' – 2089'		
SPEECHLEY	2926' – 3229'		
BALLTOWN	3341' – 3781'		
BENSON	4431' – 4440'		
TOTAL DEPTH	4934'		

Perforations & Fracture Treatment

Well Name: Garrett 5

API # 47-021-5574

T.D. 4584' of 9.50 # 4 1/2"

1st Stage- Benson (from 4440 ' to 4431 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 6 perforation balls

1, 2, 3 ppg @ 25-30 BBl per min

2nd Stage- Balltown - Speechly (from 3711 ' to 2938 ')

60 QF 350 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 4 perforation balls

1, 2, 3 ppg @25-30 BBl per min

GS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Gum, Ernest Kemp, Jr.

Operator Well No.: Garrett #6

LOCATION:

Elevation: 1189'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 3890' Feet South of 39 Deg. 07

Min 26 Sec. 15

Longitude: 1230' Feet West of 80 Deg. 79

Min. 62 Sec. 96

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90				
Glenville, WV 26351				
Agent: Leon Ramsey	7"		876'	Surface
Inspector: David Gilbert	4 1/2 "		4922'	3000'
Date Permit Issued: 4/23/08				
Date Well Work Commenced: 10/23/08				
Date Well Work Completed: 6/10/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5014'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

RECEIVED
Office of Oil & Gas

APR 23 2014

OPENFLOWDATA

Producing formation ELK -BENSON

Pay zone depth (ft) 4885'-4544'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY

Pay zone depth (ft) 4153' - 3384'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 

By: LEON RAMSEY

Date: 6/10/10

WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
GARRETT #6

Lease Name: Garrett heirs
API# 47-021-5575
Gilmer 7.5' Quadrangle
Elevation 1189'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1964' – 2017'		
BIG LIME	2084' – 2153'		
BIG INJUN	2154' – 2228'		
SPEECHLEY	3381' – 3695'		
BALLTOWN	3807' – 4186'		
BENSON	4539' – 4557'		
ELK-ALEXANDER	4718' – 4938'		
TOTAL DEPTH	5014'		

Perforations & Fracture Treatment

Well Name: GARRETT 6

API # 47-021-5575

T.D. 4922' of 9.50 # 4 ½"

1st Stage- ELK-BENSON (from 4884 ' to 4665 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ 6 perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BALLTOWN-SPEECHLY (from 4153 ' to 3384 ')

60 QF 350 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 6 perforation balls

1, 2, 3 ppg @25-30 BBl per min

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

GS

Farm name: Gum, Ernest Kemp, Jr.

Operator Well No.: Garrett #7

LOCATION:

Elevation: 1092'

District: Troy

Quadrangle: Auburn 7.5'

County: Gilmer

Latitude: 4200' Feet South of 39 Deg. 07

Min 1.7 Sec. 63

Longitude: 2850 Feet West of 80 Deg. 80

Min. 1.9 Sec. 48

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90				
Glennville, WV 26351	9 5/8"		124'	
Agent: Leon Ramsey	7"		725'	Surface
Inspector: David Gilbert	4 1/2 "		3882'	2000'
Date Permit Issued: 4/23/08				
Date Well Work Commenced: 12/16/08				
Date Well Work Completed: 6/23/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5002'				
Fresh Water Depth (ft.): 75'				
Salt Water Depth (ft.): 1682'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation BALLTOWN SPEECHLY Pay zone depth (ft) 3813' - 3283'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BIG INJUN Pay zone depth (ft) 2120' - 2090

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 

By: LEON RAMSEY

APR 23 2014

WV Department of
Environmental Protection

Date: 6/29/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
GARRETT #7

Lease Name: Garrett heirs
API# 47-021-5576
Gilmer 7.5' Quadrangle
Elevation 1092'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1862' – 1910'		
BIG LIME	1981' – 2047'		
BIG INJUN	2052' – 2123'		
SPEECHLEY	3279' – 3588'		
BALLTOWN	3714' – 4054'		
BENSON	4568' – 4577'		
ELK	4609' – 4829'		
TOTAL DEPTH	5002'		

Perforations & Fracture Treatment

Well Name: GARRETT 7

API # 47-021-5576

T.D. 5002' of 9.50 # 4 1/2"

1st Stage- BALLTOWN SPEECHLY (from 3813 ' to 3283 ')

60 QF 300 sks 20/40

900 SCF N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ 10 perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BIG INJUN (from 2120 ' to 2090 ')

60 QF 400 sks 20/40

N2 ASSIST

500 gal. 15% HCL

with Clay and Iron Stabilizer

14 perforations w/ 4 perforation balls

1, 2, 3 ppg @25-30 BBl per min

CS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Everett Kirkpatrick heirs

Operator Well No.: #2

LOCATION:

Elevation: 1055'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 12640' Feet South of 39 Deg. 03

Min 4.1 Sec.

Longitude 6200' Feet West of 80 Deg. 48

Min. 49 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90	9 5/8 "		42'	
Glenville, WV 26351	7"		1009'	Surface
Agent: Leon Ramsey				
Inspector: David Gilbert	4 1/2"		5047'	4000'
Date Permit Issued: 7/2/08				
Date Well Work Commenced: 9/17/08				
Date Well Work Completed: 9/23/08				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5082'				
Fresh Water Depth (ft.): 180'				
Salt Water Depth (ft.): 689'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation ELK-BENSON

Pay zone depth (ft) 5001' - 4630'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d 0

Final open flow No test MCF/d Final open flow 0 Bbl/d 0

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY

Pay zone depth (ft) 3911' - 2854'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d 0

Final open flow No test MCF/d Final open flow 0 Bbl/d 0

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: LEON RAMSEYBy: LEON RAMSEYDate: 4/23/2010

RECEIVED
Office of Oil and Gas
APR 23 2014
WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
Kirkpatrick 2

Lease Name: Kirkpatrick
API# 47-021-5597
Auburn 7.5' Quadrangle
Elevation 1055'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
BIG INJUN	2083' – 2146'		
GORDON	2500' – 2518'		
SPEECHLEY	2854' – 3240'		
BALLTOWN	3413' – 3932'		
BENSON	4628' – 4641'		
ELK	4874' – 5029'		
TOTAL DEPTH	5082'		

Perforations & Fracture Treatment

Well Name: Kirkpatrick 2

API # 47-021-5597

T.D. 5047' of 9.50 # 4 ½"

1st Stage- Elk (from 5001' to 4979')

500 SKS 20/40

600 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

10 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BENSON (from 4643' to 4630')

500 SKS 20/40

600 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

10 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

3rd Stage- BALLTOWN SPEECHLY (from 3911' to 2854')

350 SKS 20/40

400 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

12 perforations w/ 4 perforation balls

1, 2, 3 ppg @25-30 BBl per min

GS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Frymier, Douglas

Operator Well No.: Frymier #1

LOCATION:

Elevation: 1008'

Quadrangle: Burnt House

District: DeKalb

County: Gilmer

Latitude: 8490' Feet South of 39 Deg. 01 Min. 6.3 Sec.

Longitude 11240' Feet West of 80 Deg. 57 Min. 22.7 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90				
Glenville, WV 26351	7"		1070'	surface
Agent: Leon Ramsey	4 1/2"		4469'	3500'
Inspector: Dave Gilbert				
Date Permit Issued: 6/30/08				
Date Well Work Commenced: 10/02/08				
Date Well Work Completed: 2/17/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5000'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

RECEIVED
Office of Oil and Gas

APR 22 2014

WV Department of
Environmental Protection

OPENFLOWDATA

Producing formation BENSON BALLTOWN Pay zone depth (ft) 4354' - 3753'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow no test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation SPEECHLY Pay zone depth (ft) 3550' - 2860'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 23By: LEON RAMSEYDate: 6/11/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.

Frymier #1

Lease Name: Frymier
API# 47-021-5599
Gilmer 7.5' Quadrangle
Elevation 1008' K.B 998'
DEKALB DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1866' – 1930'		
BIG LIME	1930' – 1955'		
BIG INJUN	1955' – 2036'		
GORDON	2563' – 2570'		
SPEECHLEY	2860' – 3334'		
BALLTOWN	3648' – 4091'		
BENSON	4367' – 4379'		
TOTAL DEPTH	5000'		

Perforations & Fracture Treatment

Well Name: Frymier #1

API # 47- 021-5599

T.D. 4469' of 9.50 # 4 1/2"

1st Stage- BENSON-BALLTOWN (from **4354** ' to **3753** ')

60 QF **400** sks 20/40

900 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ **8** perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage SPEECHLY (from **3550** ' to **2860** ')

65 QF **400** sks 20/40

900 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ **10** perforation balls

1, 2, 3 ppg @25-30 BBl per min

GS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Osbourne, Robert

Operator Well No.: Osbourne #1

LOCATION:

Elevation: 1238'

Quadrangle: Auburn

District: Troy

County: Gilmer

Latitude: 8920 Feet South of 39 Deg. 01 Min. 69.1 Sec.

Longitude: 7950 Feet West of 80 Deg. 86 Min. 13.9 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90	13"		32'	
Glenville, WV 26351	9 5/8"		137'	Surface
Agent: Leon Ramsey	7"		1016'	Surface
Inspector: David Gilbert	4 1/2"		4962'	
Date Permit Issued: 9/5/08				
Date Well Work Commenced: 10/01/08				
Date Well Work Completed: 11/06/08				3000'
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5005'				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation BENSON

Pay zone depth (ft) 4964' – 4671'

Gas: Initial open flow MCF/d Oil: Initial open flow 0

Bbl/d

Final open flow MCF/d Final open flow 0

Bbl/d

Time of open flow between initial and final tests 48

Hours

Static rock Pressure psig (surface pressure) after

Hours

Second producing formation BALLTOWN SPEECHLY

Pay zone depth (ft) 4059' – 3257'

Gas: Initial open flow MCF/d Oil: Initial open flow 0

Bbl/d

Final open flow MCF/d Final open flow 0

Bbl/d

Time of open flow between initial and final tests 0

Hours

Static rock Pressure psig (surface pressure) after

Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: LEON RAMSEYBy: LEON RAMSEYDate: 4/23/2010

RECEIVED
Office of Oil and Gas
APR 23 2014

WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
#151 Osborn 1 Well

Lease Name: Osborn 1
API# 47- 021-05612
Longitude 80° 86' 13.9
Latitude 39° 01' 69.1
Auburn Quadrangle
Elevation 1238'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
BIG LIME	2011'-2043'		
BIG INJUN	2044'-2137'		
GORDON	2609'-2631'		
SPEECHLY	3247'-3569'		
BALLTOWN	3658'-4096'		
BENSON	4669'-4681'		
ELK	4862'-4980'		
TOTAL DEPTH	5005'		

Perforations & Fracture Treatment

Well Name: Osborne #1

API # 47-021-5612

T.D. 4962' of 9.50 # 4 ½"

1st Stage- Elk - Benson (from 4964' to 4671')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

16 perforations w/ 4 perforation balls

1, 2, 3 ppg @ 25-30 BBl per min

2nd Stage- Balltown-Speechly (from 4059' to 3257')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 6 perforation balls

1, 2, 3 ppg @ 25-30 BBl per min

GS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Osbourne, Robert

Operator Well No.: Osbourne #3

LOCATION:

Elevation: 11137'

Quadrangle: Auburn

District: Troy

County: Gilmer

Latitude: 9600 Feet South of 39 Deg. 15 Min 12 Sec.

Longitude: 7210 Feet West of 80 Deg. 85 Min. 8.69 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90	13"		32'	
Glenville, WV 26351	9"		126'	Surface
Agent: Leon Ramsey	7"		1011.8	Surface
Inspector: David Gilbert	4 1/2"		4993'	3000'
Date Permit Issued: 9/5/08				
Date Well Work Commenced: 10/01/08				
Date Well Work Completed: 10/29/08				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5054'				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation Elk Pay zone depth (ft) 4976'-4886'

Gas: Initial open flow MCF/d Oil: Initial open flow 0 Bbl/d 0

Final open flow MCF/d Final open flow 0 Bbl/d 0

Time of open flow between initial and final tests 48 Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation Benson/Balltown Pay zone depth (ft) 4735'-3468'


Gas: Initial open flow MCF/d Oil: Initial open flow 0 Bbl/d 0

Final open flow MCF/d Final open flow 0 Bbl/d 0

Time of open flow between initial and final tests 0 Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 

By: LEON RAMSEY

Date: 4/23/2010

RECEIVED
Office of Oil and Gas
April 23 2010
West Virginia Department of Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
#153 OSBORN 3 Well

Lease Name: OSBORN
API# 47- 021-05613
Longitude 80° 85' 8.69
Latitude 39° 15' 12
Auburn Quadrangle
Elevation 1238'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
BIG LIME	1917' – 1946'		
INJUN	1947' – 2049'		
GORDON	7513' – 2538'		
SPEECHLY	3159' – 3478'		
BALLTOWN	3564' – 4096'		
BENSON	4579' – 4588'		
ELK	4785' – 4976'		
TOTAL DEPTH	5054'		

Perforations & Fracture Treatment

Well Name Osborne #3

API # 47-021-5613

T.D. 4993' of 9.50 # 4 1/2"

1st Stage- Elk (from 4976' to 4886')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

30 perforations w/ 14 perforation balls

1, 2, 3 ppg @25-30 BBl per min

Frac first stage-then shoot 2nd stage-drop balls and acid

2nd Stage- Benson-Balltown (from 4585' to 3468')

900 scf N2

500 gal. 15% HCL

with Clay and Iron Stabilizer

30 perforations w/ 14 perforation balls

1, 2, 3 ppg @25-30 BBl per min

1st Baffle@ 3.56"@3288'

3rd Stage- Speechly (from 3256' to 3200')

60QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ 9 perforation balls

1, 2, 3 ppg @25-30 BBl per min

GS

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: Zinn, Manley

Operator Well No.: Zinn #21

LOCATION:

Elevation: 933'

District: Troy

Quadrangle: Auburn 7.5'

County: Gilmer

Latitude: 3910' Feet South of 39 Deg. 07

Min 25.1 Sec.

Longitude 5100' Feet West of 80 Deg. 85

Min. 13.7 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90	13 "		32'	
Glenville, WV 26351	9"		126'	Surface
Agent: Leon Ramsey	7"		1032'	Surface
Inspector: David Gilbert	4 1/2"		5008'	4000'
Date Permit Issued: 10/27/08				
Date Well Work Commenced: 10/31/08				
Date Well Work Completed: 12/18/08				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5050'				
Fresh Water Depth (ft.): 70'				
Salt Water Depth (ft.): 1612'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation ALEXANDER BENSON Pay zone depth (ft) 4980' – 4534'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY Pay zone depth (ft) 3887' – 3253'

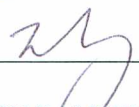
Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 

By: LEON RAMSEY

APR 23 2014
WV Department of Environmental Protection
Date: 4/23/2010

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #21

Lease Name: Zinn
API# 47-021-5639
Gilmer 7.5' Quadrangle
Elevation 933'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1672'-1718'		
BIG LIME	1718'-1793'		
BIG INJUN	1793'-1882'		
SPEECHLEY	3096'-3342'		
BALLTOWN	3342- 3880'		
RILEY	4163'-4243'		
BENSON	4518'-4532'		
ELK	4638'-4743'		
ALEXANDER	4810'-4970'		
TOTAL DEPTH	5050'		

Perforations & Fracture Treatment

Well Name: ZINN 21

API # 47- 021-05639

T.D. 5008' of 9.50 # 4 ½"

1st Stage- ALEXANDER (from 4980 ' to 4814 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

20 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BENSON (from 4818 ' to 4534 ')

60 QF sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

3rd Stage- BALLTOWN SPEECHLY (from 3887 ' to 3253 ')

 QF sks 20/40

500 gal. 15% HCL

750 SCF N2

with Clay and Iron Stabilizer

20 perforations w/ perforation balls

1, 2, 3 ppg @25-30 BBl per min

State of West Virginia Department of Environmental Protection Office of Oil and Gas
Well Operator's Report of Well Work

GS

Farm name: Zinn, Manley

Operator Well No.: Zinn #22

LOCATION:

Elevation: 1090'

Quadrangle: Auburn 7.5'

District: Troy

County: Gilmer

Latitude: 2900' Feet South of 39 Deg. 07

Min 53 Sec.

Longitude 5010' Feet West of 80 Deg. 85

Min. 11.1 Sec.

Company: Ramsey Associated Petroleum, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill Up. Cu. Ft.
Address: P.O. Box 90	13 "		37'	
Glennville, WV 26351	9"		126'	Surface
Agent: Leon Ramsey	7"		1037'	Surface
Inspector: David Gilbert	4 1/2"		4856'	3000'
Date Permit Issued: 10/27/08				
Date Well Work Commenced: 11/09/08				
Date Well Work Completed: 05/29/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5010'				
Fresh Water Depth (ft.): 55'				
Salt Water Depth (ft.): 1769'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPENFLOWDATA

Producing formation ELK BENSON

Pay zone depth (ft) 4774' - 4496'

Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation BALLTOWN SPEECHLY

Pay zone depth (ft) 3802' - 2839'

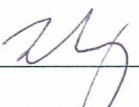
Gas: Initial open flow No test MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow No test MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: 

By: LEON RAMSEY

Date: 6/29/2010

RECEIVED
Office of Oil and Gas
APR 23 2014
WV Department of
Environmental Protection

SUMMARY OF PROCEDURES AND ESTIMATED FORMATION TOPS FOR
RAMSEY ASSOCIATED PETROLEUM, INC.
ZINN #22

Lease Name: Zinn
API# 47-021-5640
Gilmer 7.5' Quadrangle
Elevation 1090'
TROY DISTRICT
GILMER COUNTY, WEST VIRGINIA

ZONE	DEPTH	GAS CHECK	REMARKS
LITTLE LIME	1902' – 1946'		
BIG LIME	1945' – 2027'		
BIG INJUN	2027' – 2098'		
SPEECHLEY	2814' – 3309'		
BALLTOWN	3416' – 3821'		
BENSON	4446' – 4457'		
ALEXANDER	4604' – 4810'		
TOTAL DEPTH	5010'		

Perforations & Fracture Treatment

Well Name: ZINN 22

API # 47-021-05640

T.D. 4856 **of** 9.50 **#** 4 ½"

1st Stage- ELK-BENSON (from 4774 ' to 4446 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

16 perforations w/ 4 perforation balls

1, 2, 3 ppg @25-30 BBl per min

2nd Stage- BALLTOWN-SPEECHLY (from 3802 ' to 2839 ')

60 QF 400 sks 20/40

500 gal. 15% HCL

with Clay and Iron Stabilizer

18 perforations w/ 6 perforation balls

1, 2, 3 ppg @25-30 BBl per min
